

Appln No. 09/866,546
Amdt date June 6, 2005
Reply to Office action of April 4, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for controlling and managing wireless network access for a wireless RF communication device, comprising the steps of:

sequentially attempting to determine whether communications may be established with at least one of a plurality of wireless RF networks;

selecting at least one of the wireless networks; and
establishing communications between the wireless communication device and at least one selected wireless network.

2. (Previously Presented) A multi-mode controller for controlling and managing network access for a wireless RF communication device, comprising:

a network detector for sequentially attempting to determine whether communications may be established with at least one of a plurality of wireless RF networks;

a network selector for selecting at least one of the wireless networks; and

a connection manager for establishing communications between the wireless communication device and at least one selected wireless network.

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3. (Previously Presented) A dual-mode controller for controlling and managing access to networks that operate in accordance with the Bluetooth and HomeRF standards , comprising:

a network scanner for sequentially performing network scans in accordance with the Bluetooth standard and network scans in accordance with the HomeRF standard;

a network selector for selecting a network that operates in accordance with the Bluetooth standard or a network that operates in accordance with the HomeRF standard; and

a connection manager for establishing a connection with the selected network.

4. (Previously Presented) A method for controlling and managing access to networks that operate in accordance with the Bluetooth and HomeRF standards, comprising the steps of:

sequentially performing network scans in accordance with the Bluetooth standard and network scans in accordance with the HomeRF standard;

notifying a user of availability of a network that operates in accordance with the Bluetooth standard or a network that operates in accordance with the HomeRF standard;

selecting a network that operates in accordance with the Bluetooth standard or a network that operates in accordance with the HomeRF standard according to user input; and

establishing a connection with the selected network.

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5. (Previously Presented) The method of claim 4 further comprising the step of using common radio circuitry for communications to networks that operate in accordance with the Bluetooth and HomeRF standards.

6. (Previously Presented) A dual-mode controller for controlling and managing access to networks that operate in accordance with the Bluetooth and 802.11b standards, comprising:

a network scanner for sequentially performing network scans in accordance with the Bluetooth standard and network scans in accordance with the 802.11b standard;

a network selector for selecting a network that operates in accordance with the Bluetooth standard or a network that operates in accordance with the 802.11b standard; and

a connection manager for establishing a connection with the selected network.

7. (Previously Presented) A method for controlling and managing access to networks that operate in accordance with the Bluetooth and 802.11b standards, comprising the steps of:

sequentially performing network scans in accordance with the Bluetooth standard and network scans in accordance with the 802.11b standard;

notifying a user of availability of a network that operates in accordance with the Bluetooth standard or a network that operates in accordance with the 802.11b standard;

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selecting a network that operates in accordance with the Bluetooth standard or a network that operates in accordance with the 802.11b standard according to user input; and

establishing a connection with the selected network.

8. (Previously Presented) The method of claim 7 further comprising the step of using common radio circuitry for communications to networks that operate in accordance with the Bluetooth and 802.11b standards.

9. (Previously Presented) The method of claim 1 comprising sequentially scanning a first network and a second network.

10. (Previously Presented) The method of claim 1 comprising scanning a first network during a first scanning window and scanning a second network during a second scanning window.

11. (Previously Presented) The method of claim 10 wherein the first scanning window comprises a first predefined time period and the second scanning window comprises a second predefined time period.

12. (Previously Presented) The method of claim 11 wherein the first predefined time period is equal to the second predefined time period.

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13. (Previously Presented) The method of claim 10 comprising performing multiple scans during the first scanning window and performing multiple scans during the second scanning window.

14. (Currently Amended) The method of claim 13 wherein each of the multiple scans during each scanning window is [[a]] performed for a predefined time period.

15. (Previously Presented) The multi-mode controller of claim 2 wherein the network detector is configured to sequentially scan a first network and a second network.

16. (Previously Presented) The multi-mode controller of claim 2 wherein the network detector is configured to scan a first network during a first scanning window and scan a second network during a second scanning window.

17. (Previously Presented) The multi-mode controller of claim 16 wherein the first scanning window comprises a first predefined time period and the second scanning window comprises a second predefined time period.

18. (Previously Presented) The multi-mode controller of claim 17 wherein the first predefined time period is equal to the second predefined time period.

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19. (Previously Presented) The multi-mode controller of claim 16 wherein the network detector is configured to perform multiple scans during the first scanning window and perform multiple scans during the second scanning window.

20. (Currently Amended) The multi-mode controller of claim 19 wherein each of the multiple scans during each scanning window is [[a]] performed for a predefined time period.